

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: HOLMA et al.

Serial No.: Rule 53(b) of 10/113,690

Filed: March 3, 2004

For: INTER-FREQUENCY MEASUREMENTS WITH MIMO TERMINALS

Art Unit: Unassigned (2667 previously in parent application)

Examiner: Unassigned (A. Qureshi previously in parent application)

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.97 & §1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 3, 2004

Sir:

In the matter of the above-identified application, this information disclosure statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. §120."

Applicants are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application Serial No. 10/113,690, filed April 2, 2002,

It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (referencing

Case No. 0172.41221X00) and please credit any excess fees to such deposit account.

Respectfully submitted,



Donald E. Stout

Registration No. 26,422

ANTONELLI, TERRY, STOUT & KRAUS, LLP

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(703) 312-6600

Attachments:  
Form PTO-1449

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>	
			Application Number	Rule 53(b) of 10/113,690
			Filing Date	March, 2004
			First Named Inventor	Harri HOLMA, et al
			Art Unit	Unassigned
Examiner Name	Unassigned			
Attorney Docket Number	0172.41221CX1			
Sheet	1	of	2	

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US-6,049,535		4/00	OZUKTURK et al.	
		US-20020178277		11/02	LAKSONO	
		US-				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
		WO 98/54849		12-03-98	Nokia Mobiles Phones,		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	Rule 53(b) of 10/113.690
		Filing Date	March, 2004
		First Named Inventor	Harri HOLMA et al
		Group Art Unit	Unassigned
Examiner Name	Unassigned	Attorney Docket Number	0172.41221CX1
Sheet	2	of	2

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		3GPP TS 25.212 v3.9.0 (2002-03) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (FDD) (Release 1999), pgs. 1-62	
		3GPP TS 25.2213 v3.7.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 1999), pp. 1-26	
		3GPP TS 25.214 v3.9.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer procedures (FDD) (Release 1999), pp. 1-52	
		3GPP TS 25.215 v3.9.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer – measurements (FDD) (Release 1999), pp. 1-17	
		3GPP TS 25.133 v3.9.0 (2002-03) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Requirements for support of radio resource management (FDD) (Release 1999), pp. 1-137	
		3GPP TS 25.331 v3.9.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC) Protocol Specification (Release 1999), pp. 1-800	
		3GPP TS 25.211 v3.9.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 1999), pgs. 1-46	
		3GPP TS 23.228 v5.0.0 (2001-04) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; IP Multimedia (IM) Sybsystem – Stage 2 (Release 5), pgs. 1-126	
		3GPP TS 25.848 v4.0.0 (2001-03) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer aspects of UTRA High Speed Downlink Packet Access (Release 4), pgs. 1-89	

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